

19990925.qrp v01_n589.qrl.990925

Date: Sat, 25 Sep 1999 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1589

QRP-L Digest 1589

Topics covered in this issue include:

- 1) [51235] FREE BEER at Pacificon
by "John Moriarity" <k6qq@hdo.net>
- 2) [51236] Re: More wall-wart cautions
by "Ken Hanks" <ken.hanks@po.state.ct.us>
- 3) [51237] need help ... wire/rope ant....
by hamjoel@juno.com
- 4) [51238] DCTL ANTENNA
by william h ross <k6mgo@juno.com>
- 5) [51239] Want LED Antenna Tuning Circuit Please
by "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
- 6) [51240] Re: OT: Need Help w/ GPS for Sailors
by Pete Burbank <plburbank@kih.net>
- 7) [51241] RE: Want LED Antenna Tuning Circuit Please
by "Larsen, Jim" <JLarsen@alascom.att.com>
- 8) [51242] just worked DS5USH (Korea) on 28.027.97
by AC6JA@aol.com
- 9) [51243] 10m QRP
by <SFIKE@twa.com>
- 10) [51244] QRP/DX FUN W/RTTY - 15M
by "Dick Schneider" <dschneider2@uswest.net>
- 11) [51245] F.S. GM-10 QRP rig
by Roy Lincoln <wa4dou@usa.net>
- 12) [51246] RE: Want LED Antenna Tuning Circuit Please
by "ai2q" <ai2q@ispchannel.com>
- 13) [51247] Re: open circuit battery voltage
by Russ Dow <n7dw@garlic.com>
- 14) [51248] Thanks N4SO
by Lamborn@onlinecol.com
- 15) [51249] Re: My turn again
by KD1YV <kd1yv@mindspring.com>
- 16) [51250] California QSO Party
by "Dave Fifield" <fifield@pacbell.net>
- 17) [51251] QRP DX RTTY fun - correction
by "Dick Schneider" <dschneider2@uswest.net>
- 18) [51252] Re: 1:1 SWR/ db losses
by Phil Wheeler <w7ox@mindspring.com>
- 19) [51253] Re: Streamed Video and Audio of QRP Events

- by "Randy Jouett" <rules@bellsouth.net>
- 20) [51254] Re: QRP TRIVIA - EPIRB
by "Kevin Asato" <kevin.k.asato@worldnet.att.net>
- 21) [51255] Add Digital Display to Argonaut 509?
by "Tim Cook" <timcook@erinet.com>
- 22) [51256] F.S. Antenna Rotor
by "Thaire Bryant" <tbry37@ici.net>
- 23) [51257] Re: Want LED Antenna Tuning Circuit Please
by K2UD@aol.com
- 24) [51258] Arkansas QRP Club/NQ5RP webpage & newsletter
by Jim Hale <kj5tf@yahoo.com>
- 25) [51259] DSW/N10DL-THANK YOU
by N10DL@aol.com
- 26) [51260] Re: My turn again
by "Nick Kennedy" <nkennedy@cswnet.com>
- 27) [51261] Antenna launcher
by Wayne A Smith <k8ff@juno.com>
- 28) [51262] Bowie MD hamfest
by K4AHK@ix.netcom.com
- 29) [51263] FS: St. Louis Tuner
by mwattcpa@earthlink.net (Marty Watt)
- 30) [51264] Re: DCTL Antenna URL
by Robert McConnell <rmcconne@lightlink.com>
- 31) [51265] FS: HeathKit HW-7 and Power Supply
by Mark Sailer <msailer@willys.buoy.com>
- 32) [51266] Ten Meters is Dead??????
by Bob Patten <n4bp@bc.seflin.org>
- 33) [51267] Re: Ten Meters is Dead??????
by Phil Wheeler <w7ox@mindspring.com>
- 34) [51268] Re: Bowie MD hamfest
by "Tom H" <biskit@snip.net>
- 35) [51269] Re: Ten Meters is Dead??????
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 36) [51270] Ten meters, them meters, dead & not so sick after all . . .
by Nils R Young <nilsbull@juno.com>
- 37) [51271] Source for 330-pf Var. Caps for Z-Match ?
by "Dwain Lawhon" <dlawhon@ix.netcom.com>
- 38) [51272] VK9RS
by charles k brown <n4so@juno.com>
- 39) [51273] Re: More wall-wart cautions (and Switchers)
by "Chuck Carpenter" <w5usj@globeco.net>
- 40) [51274] Re: 1:1 SWR/ db losses
by mikemo@ibm.net
- 41) [51275] ZM-2 Antenna Tuning Unit
by charles k brown <n4so@juno.com>
- 42) [51276] Re: 1:1 SWR/ db losses
by "George T. Baker" <w5yr@swbell.net>
- 43) [51277] Re: Source for 330-pf Var. Caps for Z-Match ?

by "George T. Baker" <w5yr@swbell.net>
44) [51278] FIREBALL -weather must have been too nice!
by S LYON <sslyon@worldnet.att.net>
45) [51279] Re: 1:1 SWR/ db losses
by "Nick Kennedy" <nkennedy@cswnet.com>
46) [51280] UPDTAE: HF Sig Gen
by "Steven Weber" <kd1jv@moose.ncia.net>
47) [51281] handkey update please excuse bw
by "Scott Howell" <n3byy@yahoo.com>
48) [51282] Source for 330-pf Variables - Thanks for Help!
by "Dwain Lawhon" <dlawhon@ix.netcom.com>
49) [51283] Re: Ten Meters is Dead???????
by Bob Patten <n4bp@bc.seflin.org>
50) [51284] Re: UPDTAE: HF Sig Gen
by "George T. Baker" <w5yr@swbell.net>
51) [51285] Simpson model 260 VOM manual
by Lee Bahr <bahr521@earthlink.net>
52) [51286] small variable caps.
by Drbob92031@aol.com
53) [51287] RE: Ten Meters is Dead???????
by Richard Powell <ripowell@mpna.com>
54) [51288] Simpson Model 260 VOM
by charles k brown <n4so@juno.com>
55) [51289] Re: Wall Wart Charger Ideas
by George Gingell <k3tks@u1.abs.net>
56) [51290] Re: EZ Hang
by George Gingell <k3tks@u1.abs.net>
57) [51291] Ten Meters is Dead????
by charles k brown <n4so@juno.com>
58) [51292] inside or out?
by GElam30092@aol.com
59) [51293] Re: Ten Meters is Dead????
by Bob Patten <n4bp@bc.seflin.org>
60) [51294] Re: UPDATE: HF Sig Gen
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
61) [51295] Attn: Doug and Paul
by tedkell@juno.com
62) [51296] Re: EZ Hang
by Pete Burbank <plburbank@kih.net>
63) [51297] A little more 15M RTTY fun
by "Dick Schneider" <dschneider2@uswest.net>

Date: Fri, 24 Sep 1999 16:22:17 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51235] FREE BEER at Pacificon

Message-ID: <007701bf06e3\$a5df9760\$fd424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I'll bet that got your attention!

A couple of days ago, I posted a message looking for a roommate at Pacificon. Nobody replied. Maybe I didn't make it clear that I would pay for my half of the room. Anyhow, I'll buy a beer (or several) for my roommate.

Any takers?

72,

John, K6QQ

Date: Fri, 24 Sep 1999 20:09:32 -0400
From: "Ken Hanks" <ken.hanks@po.state.ct.us>
To: <leinwebe@mcmail.cis.McMaster.CA>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51236] Re: More wall-wart cautions
Message-ID: <00a501bf06ea\$442bd360\$9c103ccc@acer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Glen:

Very informative post. Does the same thing happen with switching power supplies?

I have one for my phone that supplies 5.5 VDC at 850 mA. I plan on building a 5.5 V voltage regulator and using it to charge the phone from my car. The battery is listed as 3.6V.

\$3 to build the regulator or \$50(!) to buy a 12 VDC charger.

73,

Ken Hanks K1XS

Naugatuck, CT
Kennfd@snet.net
<http://www.qsl.net/k1xs>

Date: Fri, 24 Sep 1999 20:13:31 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [51237] need help ... wire/rope ant....
Message-ID: <19990924.201503.-284033.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y'all

I have an idea I've been working on for a while... however more knowledgeable help would probably get the thing off the ground...

I want to use some water pipe (aluminum) for antenna elements... these pipes are light, light...

Does anyone have any experience building with this aluminum????

This stuff is one quarter inch thick so I guess I'll have to use a different formula.... anyone kneaux the formula???? If not I'll do a try and see...

Also what would be a good size to use ??? two or three inch?

I plan to hang the elements across two ropes and space them appropriately...(the elements, that is)

and then tie the rope between two trees that will give me europe and the usa

 .
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 .
-----.

This could be a great portable or field day antenna.... an open field and two poles.... and presto a multi element ant.... light and easy to store...

or enough room between two trees or even one tree in the right direction.... one heck of a sloper hee hee...

Joel KE1LA

In Maine

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 24 Sep 1999 17:16:46 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-1@lehigh.edu
Subject: [51238] DCTL ANTENNA
Message-ID: <19990924.171648.-144121.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

It works! got to the web site, no trouble.
It was the "period" at the end of the URL that I didn't see.
My thanks to all who took the time to answer me, way too many to answer individually.
Vy 73/72
Bill, K6MGO

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 24 Sep 1999 20:41:15 -0700
From: "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
To: <qrp-1@lehigh.edu>
Subject: [51239] Want LED Antenna Tuning Circuit Please
Message-ID: <001701bf0707\$d4a4d140\$43dd4d0c@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello to All,

I am looking for that little circuit with LED's that is an antenna tuning aid. I know this circuit has been around the list several times.....but I can't seem to find it in any of my literature. Can someone point me in the right direction. Wasn't it in the QRP Quarterly?? Anyone remember what issue?

Any help appreciated.

Gary
W2UX
Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

Date: Fri, 24 Sep 1999 20:50:23 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [51240] Re: OT: Need Help w/ GPS for Sailors
Message-ID: <3.0.32.19990924205014.007237e0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:00 PM 9/24/99 -0700, you wrote:

>Hi,

>

>I apologize for this off-QRP topic, but there are few I'd rather ask for
>general technical advice than those in this group.

>AC6PI

Dan,

You asked in the right place. Get in touch with my brother Dave
NL7IE on the "Puffin" sailboat. He is in Phuket, Thailand and
an Oceanographer and former Engineering Officer on a couple
diesel submarines...also a computer heavy.

He is at <dcburbank@hotmail.com>

I think he is in port right now but if you have problems

I can look up his Packet addresses.

If you really want to make friends with him, take to him a case of
Bud and a carton of Camels.

73

Pete NV4V vvvvvvvv

Date: Fri, 24 Sep 1999 16:59:54 -0800
From: "Larsen, Jim" <JLarsen@alascom.att.com>
To: "'MAIL4GARY@worldnet.att.net'" <MAIL4GARY@worldnet.att.net>, Low Power Amateur
Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51241] RE: Want LED Antenna Tuning Circuit Please
Message-ID: <912D82D764AAD211B83A0008C7A4594C9337FC@alascomexc2.alascom.att.com>

MIME-Version: 1.0
Content-Type: text/plain

Check out <http://www.extremezone.com/~ki7mn/n7veswr.htm>

Jim Larsen, P.E.
AL7FS

Date: Fri, 24 Sep 1999 21:13:39 EDT
From: AC6JA@aol.com
To: qrp-l@lehigh.edu
Subject: [51242] just worked DS5USH (Korea) on 28.027.97
Message-ID: <4b496245.251d7bc3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

just worked Nam (DS5USH) in Korea on 28.027.97. only using a K2 with 5 watts into a hustler 10m mobile whip attached to balcony railing. earlier worked LU3HIP and VK4XA both on 10. when it's open, it's OPEN!

mike ac6ja/k2

Date: 24 Sep 1999 20:50:34 LOC
From: <SFIKE@twa.com>
To: <qrp-l@lehigh.edu>
Subject: [51243] 10m QRP
Message-ID: <19990924.205034.SFIKE@twa.com>

I would like to build a monoband 10 meter QRP kit. Can someone clue me in on what the current selection is? Would prefer one that is designed for 10 meters as opposed to modifying an existing kit.

Thanks!

72

Scott

Date: Fri, 24 Sep 1999 19:56:29 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: "cqclist" <cqclist@cqc.org>, "QRP-L" <qrp-l@Lehigh.edu>
Subject: [51244] QRP/DX FUN W/RTTY - 15M

Message-ID: <000501bf06f9\$2f42e600\$bd9ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A little bit of QRP DX RTTY fun on 15M in the CQ/RJ WW...

0020Z HC8N - Galapagos
0133Z WL7KY - AK
0153Z ZW2A - South Africa

72 Dick AB0CD..

Date: 24 Sep 99 22:16:03 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-l@lehigh.edu
Subject: [51245] F.S. GM-10 QRP rig
Message-ID: <19990925021603.1476.qmail@www0r.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

For Sale:

1) Green Mountain GM-10 QRP rig(by NN1G), unbuilt except a few parts installed on board. All documentation included. All parts included.(case= and controls, connectors are not part of the kit) (am taking a turn in my station building and this rig is surplus to my needs now.). \$80 includes shipping= to your qth in lower 48 states.

Thanks es 73 de Roy Lincoln WA4DOU

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Fri, 24 Sep 1999 22:47:29 -0400
From: "ai2q" <ai2q@ispchannel.com>

To: <JLarsen@alasc.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [51246] RE: Want LED Antenna Tuning Circuit Please
Message-ID: <000201bf0700\$4fbc5400\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What's nice about this bridge circuit is that it's friendly to rigs such as the 2N2/40, which may not be happy looking into a reactive (unknown) load during excursions of the tuning knobs on your tuner. The circuit of this bridge ALWAYS keeps a nice low resistive load on the QRP rig, thereby preserving the finals during antenna tuning sequences. I use a similar bridge on my 2N2/40 but use a microammeter as a detector.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Larsen, Jim
Sent: Friday, September 24, 1999 9:00 PM
To: Low Power Amateur Radio Discussion
Subject: RE: Want LED Antenna Tuning Circuit Please

Check out <http://www.extremezone.com/~ki7mn/n7veswr.htm>

Jim Larsen, P.E.
AL7FS

Date: Fri, 24 Sep 1999 19:16:29 -0700
From: Russ Dow <n7dw@garlic.com>
To: Karl.Kanalz@optelinc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51247] Re: open circuit battery voltage
Message-ID: <37EC307C.C1CDA135@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My very first kit project was a Heathkit VTVM, over 40 years ago. I remember now, they put a little red (?) tick mark just past the top end of the 1.5V scale to use for calibration. That meter was damaged or lost

somewhere along the line, and I got an Eico VTVM kit. (Remember them? I think they also made stereo kits.) Same kind of mark above the 1.5 volt scale, but maybe not red.

I always wondered how much faith to put in the voltage of a "fresh" battery, but it seemed to work out okay. Maybe not up to laboratory standards, but it did the job.

73,
Russ N7DW

Karl.Kanalz@optelinc.com wrote:

> When Heathkit was manufacturing their tube-type
> "VTVM", they included a f-r-e-s-h Carbon-Zinc battery
> (alkalines weren't around in those days) as the calibration
> standard for the VTVM.
>
> Heathkit said the terminal voltage, measured by the VTVM
> would be 1.556 volts, and that was what you adjusted the
> calibration pot for on the front meter. Since all the other
> range switch positions were resistance multipliers of the
> low range, everything else "fell into place" (for calibration purposes).

Date: 24 Sep 1999 21:17:26 EDT
From: Lamborn@onlinecol.com
To: qrp-1@lehigh.edu
Subject: [51248] Thanks N4SO
Message-ID: <199909250311.XAA139956@nss4.cc.lehigh.edu>

Thanks to Ken N4SO for his quick and accurate reply to my request for info about Tecktronic Scope reference sources. Daily, this list proves that ham radio is not about RF related gizzmos and gadgets (XYL terms) but about the neat people who are obsessed with them.

Steve Schroder KI0KY Hotchiss, CO QRP-L 1303

Date: Sat, 25 Sep 1999 00:55:38 -0300
From: KD1YV <kd1yv@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [51249] Re: My turn again
Message-ID: <3.0.5.16.19990925005538.4087943c@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:48 AM 9/24/99 -0400, Mike Yetsko wrote:

>Me? I'd just use it. But I'd put maybe a 25 ohm power resistor in
>series
>to limit current. If the battery was dead, then the power supply will
>see
>0v and 25ohms, which would give about 1/2amp charging current. But
>the battery will QUICKLY rise from 0v, and once it hits 12v for example,
>then it's 25 ohm in series with the charging current. The voltage drop
>will only be 2 volts and you'll be under 100ma. This doesn't even take
>into account the internal resistance of the battery, which will further
>restrict current.
>
>Of course, there are those that will say "That's not how to do it!".
>And they
>are wrong. What they should say is "That's not the correct way to do
>it!",
>and it isn't. But it works, and it's cheap. Just be carefull with
>overcharging.
>
>Mike
>N1DVJ

I'm not going to comment about whether that's the "right way" or "wrong way" or "I did it my way" to do it. Just one reminder not to grab those 1/2 Watt resistors out of the junk box to do this.

Remember that should your battery be shorted (unlikely, but possible), at a modest 12v, you'll be pumping 480 mA through that resistor. Doesn't sound like much, until you multiply it by the 12v to get 5.76 Watts to dissipate!

For safety's sake (and Pete's, too), de-rate it nearly 100% and go for a 10 Watter.

Now if the voltage jumps to 18v as some have suggested, your raw power to dissipate jumps to 12.96 Watts (Can you say "E squared divided by R? Sure you can.) De-rate that, and you're talking a serious resistor (not to be confused with a series resistor). You could probably get away with paralleling four 100 ohm 5 Watt resistors, effectively giving you 25 ohms at 20 Watts.

Somebody else suggested going with half the rated amp-hour current rate for charging, so now you are talking 50 ohms. This would cut all of the above power ratings in half, but they must still be taken into consideration.

72 es GL de Jim

The opinions expressed are theoretical, and therefore have no basis in reality, especially if they result in dealings with Fire Departments or Insurance Companies!

Date: Fri, 24 Sep 1999 21:51:20 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <GQRP@onelist.com>
Subject: [51250] California QSO Party
Message-ID: <013b01bf0711\$9c8d2f00\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I was asked if I would announce this to the QRP world, so here goes...

This year's premier state QSO party will be taking place October 2nd and 3rd of 1999. The California QSO party will run from 1600 UTC Oct. 2 thru 2200 UTC Oct. 3rd. The contest is sponsored by the Northern California Contest club, and there will be many different awards available to the different entrants. This year there is a new class for QRP operation. Anyone who makes at least 100 contacts will be eligible for a special CQP T-shirt for a small fee. This is your chance to test your QRP skills (both CW and Phone) and try to work all 58 California counties in one weekend!

The rules etc. are on the <http://www.cqp.org> website.

72, Dave Fifield, AD6A

Date: Fri, 24 Sep 1999 23:24:27 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: "cqclist" <cqclist@cqc.org>, "QRP-L" <qrp-l@Lehigh.edu>
Cc: "QRP-L" <qrp-l@Lehigh.edu>

Subject: [51251] QRP DX RTTY fun - correction
Message-ID: <000901bf0716\$3cd796e0\$bd9ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A little bit of QRP DX RTTY fun on 15M in the CQ/RJ WW...

0020Z HC8N - Galapagos
0133Z WL7KY - AK
0153Z ZW2A - Brazil (not South Africa - looked at the wrong line in back of my logbook!)

72 Dick AB0CD..

Date: Fri, 24 Sep 1999 23:10:46 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: weinfurt@oak.cats.ohiou.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51252] Re: 1:1 SWR/ db losses
Message-ID: <37EC6766.41BD621C@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greg Weinfurtner wrote:

>
> A broadcast engineer, who worked at a big 100kw + radio station, once told me
that a 1 db loss in a feedline connector meant a fire! If you do the math you can
see that connector will have to dissipate 21,260 watts.
>
> $-1\text{db} = 10 \log (100,000 - 21,260)$
> 100,000
>
> So I don't think any QRP rig will start a fire but it does make one think about
losses in a little bit different way.
>

Yeah .. when I crank up to 100 kW on my ham station I guess RG-213 won't
cut it -- nor my house wiring!

OTOH, aside from the crackling of the fire, how many of us can detect a 1 dB difference in signals?

73, Phil

Date: Sat, 25 Sep 1999 03:18:35 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <ianpurdie@integritynet.com.au>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51253] Re: Streamed Video and Audio of QRP Events
Message-ID: <057101bf072e\$927fead0\$46e498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Ian C. Purdie VK2TIP <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, September 24, 1999 5:11 AM
Subject: Re: Streamed Video and Audio of QRP Events

Hi, Ian, and my fellow QRP-L HAMateurs :^),

>Stunning idea. Just make sure they all wear correct name tags.

Thanks for the kind words, Ian. I don't know about "stunning," but it's an idea worth considering :^). As a matter of fact, I wouldn't be at all surprised if they had around 400-500 in virtual attendance, making a bunch of money for the local club from people who would normally not attend because of the reasons I stated previously in my original post.

If I had the choice, I'd most definitely would attend in person! OTOH, a taping of the conference topics and a couple of "This is the dude, Dorf, <callsign>, that invented the Used Clothes Hanger Monster Quad for 160-10, guys!" fillers as a addition to the tape would be pretty cool, especially for those that have never

compared beer guts, bald heads, and eyeglass
thickness with these guys in person :^).

They could also sell the tape over the Internet instead
of streaming the thing. This would also increase the
clubs income, and the rest of us would have a
record of the proceedings, which might translate into
more club projects, better repeaters that we can use
when we're visiting their area, better door prizes at
events(!), and maybe even a donation or 3 to a charity,
needy ham, or something. Hmmm. Even the attendees
could purchase a copy for their technical video library.

Hmmm. How about making QRPP, QRP Quarterly, or
one the other QRP rags a monthly magazine with the
profits, including an unedited, full-in-your-face "Hmmm"
column by yours truly? :^) :^) :^). Well -- I can dream,
can't I ?! :^)

Speaking of Hmmm's, this will be the last one posted to
QRP-L by moi'. I hate to do this, but I'm really sick and
tired of people not giving credit where credit is due and
taking my ideas as their own. Enjoyed the fun while it
lasted, Gang! See y'all later, and I'll keep in touch with
the friends I've made here via e-mail.

73 to ya', folks, and see ya' on the air!

Randy Jouett, AB5NI

Date: Sat, 25 Sep 1999 02:22:03 -0700
From: "Kevin Asato" <kevin.k.asato@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [51254] Re: QRP TRIVIA - EPIRB
Message-ID: <000401bf0737\$6f0ecd60\$bc55480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

EPIRB is most effective at 406MHz where ship identification and location are

stored for downlink to an appropriate earth station receiver. Location is derived by satellite interpolation of doppler shift or by GPS. Appropriate earth stations are SARSAT/COSPAS ground stations or GOES weather satellite receivers.

121.5 and 243.0MHz frequencies are the aviation distress frequencies which are typically used as homing signals for air and sea rescue operations. 121.5MHz information can only be relayed to a ground station when both the transmitter and receiver are under the shadow of the satellite footprint.

Aside from that, the EPIRB transmitters are designed to transmit their tiny signals on ht-type antennas at or just below the surface of the water. Now that's amazing!

Kevin K Asato
KC6POB
Customer Service Engineer
PairGain Technologies
800.638.0031 (tech support)
888.769.4765 (pager)

-----Original Message-----

From: ARDUJENSKI@aol.com <ARDUJENSKI@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, September 22, 1999 10:15 AM
Subject: QRP TRIVIA

>The emergency locating beacons used on ships called EPIRBS transmit a micro
>signal to the satellite with a barcode type info which identifies the
>transmitter and uses 5 watts. The homing signal is on 121.5 MHZ. Up until
>recently it was only 25mw. The latest international regulations have upped
it

>to 50mw.

>

>Just some lite trivia for a beautiful sunny day near Seattle *-)

>Alan KB7MBI

>

Date: Sat, 25 Sep 1999 06:36:04 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "[Ten Tec] -
Reflector" <tentec@contesting.com>
Subject: [51255] Add Digital Display to Argonaut 509?
Message-ID: <001b01bf0741\$c53f6c80\$897f5acf@timcook.erinet.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to add an external digital readout to a Ten Tec 509. I would like to add something like the OHR digital display, or something similar. I would like to hear from anyone who has added an external readout as to the method used to connect, and what readout they used. The more detailed information about setting it up and how it works the better. Thanks in advance for any information..

Thanks
Tim
NZ8J

Date: Sat, 25 Sep 1999 07:53:35 -0400
From: "Thaire Bryant" <tbry37@ici.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [51256] F.S. Antenna Rotor
Message-ID: <199909251159.HAA00464@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have for sale a Hy-Gain Tailtwister-D Rotator including the DCU-1 "Pathfinder" Digital Control Unit. The rotor and control unit are one year old, and have just been completely checked out by Hy-Gain. This will handle a lot of antenna! I used it with a TH7DX and an A103.

The system was \$765.00 new, I will sell for \$600.00. Pick up near Boston, or I will ship UPS.

Thaire W2APF

Date: Sat, 25 Sep 1999 08:08:25 EDT
From: K2UD@aol.com
To: MAIL4GARY@worldnet.att.net
Cc: qrp-l@lehigh.edu
Subject: [51257] Re: Want LED Antenna Tuning Circuit Please
Message-ID: <4677b560.251e1539@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gary,

Sounds like the Rainbow Tuner, once offered as a kit from the NJQRP Club. It appeared in Dec 96 QRPp, page 8, "Mint Tin Rainbow SWR Bridge and Tuner."

Every now and then you will see one for sale on the list, sometimes completed, sometimes not. It does work well, very handy and pocket sized. Check out NJQRPs page, they may have information on it still.

72

Howard Kraus, K2UD

Date: Sat, 25 Sep 1999 05:38:24 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [51258] Arkansas QRP Club/NQ5RP webpage & newsletter
Message-ID: <19990925123824.11319.rocketmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Read the latest newsletter from AR QRP at this address.

<http://www.qsl.net/nq5rp/>

Theres no links, yet. Just the beginings.

Thanks, Jim KJ5TF AR QRP #2

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sat, 25 Sep 1999 08:40:29 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [51259] DSW/N10DL-THANK YOU
Message-ID: <7272db73.251e1cbd@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks to all who answered my question. Will be calling in an order this week
Aron
Bedford, NH
N10DL/qrp

Date: Sat, 25 Sep 1999 07:44:37 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <kdl1yv@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [51260] Re: My turn again
Message-ID: <002701bf0753\$cce1e6e0\$6d7054d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
>Now if the voltage jumps to 18v as some have suggested, your raw power to
>dissipate jumps to 12.96 Watts (Can you say "E squared divided by R? Sure
>you can.)

Well, the voltage only jumps to 18 or 20 volts when the wart is open
circuited; not when it's operating into a short. In the short circuit case,
voltage is going to drop to near zero (before adding your dropping
resistors). So I'd stick with the I squared R calculation.

>De-rate that, and you're talking a serious resistor (not to be
>confused with a series resistor). You could probably get away with
>paralleling four 100 ohm 5 Watt resistors, effectively giving you 25 ohms
>at 20 Watts.

Geez, a 20 watt dropping resistor for a 7 watt wall wart! It's gonna be
bigger than the power supply.

For those who fear an overloaded resistor is gonna burn the house down, I'd
either put the whole mess into a metal box, or do as some have suggested and
use the series lamp idea. When the lamp gets too hot, it'll decide it's a
fuse. I use the series lamp trick on my homebrew drop-in charger I made for
my IC-2A.

I don't know if I like the idea of making the lamp the same voltage as the
PS or battery though (~12 volts). It's never gonna glow much, if at all, so
you never get into that region where its resistance is going up rapidly as

current goes up. Instead, I'd use a lamp rated for about the average (or maybe maximum) voltage differential between the supply and the battery. Glows brightest when the battery is fully discharged and dimmest when it's charged up.

72,

Nick, WA5BDU

Date: Sat, 25 Sep 1999 08:56:58 -0400
From: Wayne A Smith <k8ff@juno.com>
To: qrp-l@lehigh.edu
Subject: [51261] Antenna launcher
Message-ID: <19990925.085700.8046.0.k8ff@juno.com>

Hi Gang, Isn't it amazing that as the years go by we are all looking for an easier way to put wires in trees?

I have tried the slingshot/fishing reel idea with mixed success. My most recent effort has been with a Marksman slingshot (\$5.99 at Kmart) and something called a "GameTracker" \$10 to \$15 at bowhunter suppliers. The GameTracker consists of a 2500 foot spool of slippery 17lb test nylon cord and a dispenser that screws to your bow. The slingshot can be modified to hold the dispenser by drilling a hole in the front side of the handle and tapping the hole with a 5/16 fine bolt. The wood or plastic handle (depending on slingshot model) can be tapped easily, then mount the dispenser by screwing it into the drilled/tapped hole.

Use a small fishing sinker and aim at your favorite branch, you won't believe how effortless it is!! Then replace the sinker with a heavier string or light rope and pull it back over the branch. The only disadvantage is that the nylon line cannot be re-used. But, 2500 feet will give you plenty of launches and when used up the cartridge can be replaced for \$3 or \$4

The whole rig weighs about 1 pound so backpackers take notice!

Regards, Wayne K8FF

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 25 Sep 1999 09:08:49 -0400
From: K4AHK@ix.netcom.com
To: qrp-l mail <qrp-l@Lehigh.EDU>
Subject: [51262] Bowie MD hamfest
Message-ID: <37ECC95F.4017@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone have details of the FAR hamfest in Bowie, MD - times, call
in frequency, directions, etc. ??

Bill - K4AHK

Date: Sat, 25 Sep 1999 13:16:29 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@lehigh.edu
Subject: [51263] FS: St. Louis Tuner
Message-ID: <37eecaed.92324775@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

#1 Deal fell through, so here goes again:

St. Louis Tuner, fully assembled (Dk. Blue case, Lt. Blue face and rear
plates). Also will include an "undrilled" Wilderness Sierra case (no
silkscreen or drilling), if you like, so you can put the "guts" of the =
tuner
into a case to match your Sierra or other similar rig.

\$90 plus shipping by your method.

--
Marty, N5NW

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>

Date: Sat, 25 Sep 1999 09:13:35
From: Robert McConnell <rmcconne@lightlink.com>
To: mwattcpa@earthlink.net

Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51264] Re: DCTL Antenna URL
Message-ID: <3.0.6.16.19990925091335.2f8f373a@pop.lightlink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Marty,

If your mail reader converts it before sending, it is broken. The escape sequence should be sent to the server to be in compliance with the current http specs. However, if you are using a browser as a reader, this behavior is expected. Servers have been compensating for this ever since someone got the not so bright idea of using a browser for a mail/news reader.

obl qrp - Where can I find a decent receiver design for homebrewing. I am not interested in assembling kits.

Thanks,
Bob McConnell
N2SPP

At 10:54 PM 9/24/99 GMT, Marty Watt wrote:

>Some mail readers convert the escape character to a tilde (mine does), but
>some do not and convert directly to the text characters when sending to the
>browser.

>

>YMMV, methinks.

>--

>Marty, N5NW

Date: Sat, 25 Sep 1999 09:31:18 -0400
From: Mark Sailer <msailer@willys.buoy.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [51265] FS: HeathKit HW-7 and Power Supply
Message-ID: <37ECCEA6.F74A41D@willys.buoy.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fellow QRPer's

I have a HW-7 and HWA-7-1 in excellent condition.
Comes with both original manuals. Pains have been taken to rebuild the radio to be all original and as clean/perfect as possible.

All the hardware, down to the last washer and prime condition pieces
make up this radio.
The HW-7 has NO modifications. I would consider these collector pieces.

I'll let the set go for \$150.00 to CONUS.

Too many radios, not enough time. Need funding for my K2 purchase.

E-Mail direct only PLEASE, not to the list.

(If you are looking for a HW-7 that is not near perfect, I have another
one I finishing. Let me know.)

====

Mark Sailer, N2JTW msailer@buoy.com
Lake Grove L.I., NY

Date: Sat, 25 Sep 1999 09:31:23 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>, Elecraft Reflector <elecraft@qth.net>
Subject: [51266] Ten Meters is Dead???????
Message-ID: <Pine.3.89.9909250931.B19128-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yep, scanned the whole CW segment and not a signal to be heard! Called
one CQ, RA1CZ immediately came back to me. The next 45 minutes was
hectic with 44 QSO's in 16 European countries including:

DL4 F5 G0 HB9
IS0 IZ3 LA3 OH3
OK9 OM3 ON4 PA4
RA1 SM5 SP4 4Z5

Ten Meters is dead?? Don't come to that conclusion when you scan the
band until you've made some noise!

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Sat, 25 Sep 1999 06:29:43 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: n4bp@bc.seflin.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51267] Re: Ten Meters is Dead???????
Message-ID: <37ECCE47.C0AAE263@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Patten wrote:

>
> Yep, scanned the whole CW segment and not a signal to be heard! Called
> one CQ, RA1CZ immediately came back to me. The next 45 minutes was
> hectic with 44 QSO's in 16 European countries including:
>
> DL4 F5 G0 HB9
> IS0 IZ3 LA3 OH3
> OK9 OM3 ON4 PA4
> RA1 SM5 SP4 4Z5
>
> Ten Meters is dead?? Don't come to that conclusion when you scan the
> band until you've made some noise!
>

Bob, a very good reminder to us all: Need at least ONE station to call
CQ to get things going. Many of those 44 stations were probably
convinced "the band was dead" until they heard your CQ.

Thanks! When ten is open, it's the best for qrp DX.

Phil W7OX

Date: Sat, 25 Sep 1999 09:56:03 -0400
From: "Tom H" <biskit@snip.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51268] Re: Bowie MD hamfest
Message-ID: <007b01bf075d\$b5295100\$874fccd1@hybiske>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Foundation for Amateur Radio
<http://www.amateurradio-far.org>

Tom K3GM

> Does anyone have details of the FAR hamfest in Bowie, MD - times, call
> in frequency, directions, etc. ??
>
> Bill - K4AHK
>

Date: Sat, 25 Sep 1999 09:34:42 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: n4bp@bc.seflin.org, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51269] Re: Ten Meters is Dead???????
Message-ID: <003501bf0763\$1c311a40\$7537a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I used to operate ten meters exclusively mainly for that reason. I would call CQ on a "dead" band and have Easter Island or some other exotic place come back to me for a rag chew. That just doesn't happen much on the other bands.

I used to work Europeans in the morning and Australians in the afternoon mobile to and from college. I had a fifty mile drive and I was using my TS-130V on SSB. This was about 1981-1983. Sometimes I thought my ten meter mobile setup worked as good as my 4 element monobander at home! The full size quarter wave antenna on the trunk helped.

I should get back on ten again :-)

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Sat, 25 Sep 1999 11:24:05 -0400

From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [51270] Ten meters, them meters, dead & not so sick after all . . .
Message-ID: <19990925.112411.-171173.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Someone on the EleCraft list said that 10m was dead. Oops. Last night it was hoppin'. Not that I made a single Q, mind you. But it was hot. What struck me weird out of all of this is that the two previous nights had been aurora city. Bubble signals. One guy in nearby Xenia, OH was calling "CQ Asia" and all I heard was his signal bouncin' off the ring. Wanna bet his sig never got to Asia?

One thing that pestered me big time about the conditions last night was the phenomenal number of freebanders on. Even 12m had 'em. Square in the CW portion. Playin' by their version of the rules so as not to appear suspicious, they were on USB. As if.

Needless to say, I've changed my opinion radically about convincing freebanders to become legal hams. Why should they? They've already got every frequency that they want and more. Inhabiting the space between band A and band B on that Galaxy 2527 couldn't be simpler. Just plonk down and key down. Roger beep.

So if 10m is dead to us, you can bet it's gonna be alive & useful to them. Which is why I was up there this morning lookin' for sigs. And found one. Forty kHz of 17m full of people callin' some DX station. Ah, such fancy!

Well, maybe see you on ten. It otter be nice this evening too. I can only hope.

73

Nils

. . . one of the 11m lists posted a note recently about the RTTY signal on 25.255 interfering with their net there . . . so they shifted down to 26.182 or something. Good to know they work on an "non-interfering basis" with other spectrum users.

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!
-- Comrade Sergei Nikolaevich McTovarishov --

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 25 Sep 1999 10:50:06 -0500
From: "Dwain Lawhon" <dlawhon@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [51271] Source for 330-pf Var. Caps for Z-Match ?
Message-ID: <000a01bf076d\$a4686d00\$945eddcf@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy All:

I want to build a Z-Match as in the ARRL Ant. Compendium Vol. 5 by W6JJZ.

Can anyone suggest a source for "small" dual section variable tuning capacitors that will provide, ideally, 330-pf or more per section? I have not been able to locate any.

These are the miniature plastic looking type like used in portable radios that use poly separators between the tuning plates.

Mouser has one in their catalog, but they can only provide about 200-pf with all sections in parallel.

I know I can buy the kit from Emtech, but I've already got all the parts needed, except the variables.

Any help or suggestions will be appreciated.

Thanks in advance.

Dwain Lawhon
K0LOA - Richardson, TX

Date: Sat, 25 Sep 1999 11:57:49 EDT

From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [51272] VK9RS
Message-ID: <19990925.155602.7599.1.n4so@juno.com>

Need country for VK9RS. Worked on 14.029 at 1315Z
and name was Jim. No country given.
NorCal 20 5 watts and 4 ele. beam.

For 28 Mhz propagation the USA/Europe path is still
marginal and lossy for low power levels. From this location in the
South, the low power beacons from Europe
are not being heard in the beacon segment from 28.200
to 28.300. Conditions need to improve to work Europe on
3 watts.

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 25 Sep 1999 11:10:31 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: ken.hanks@po.state.ct.us, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51273] Re: More wall-wart cautions (and Switchers)
Message-ID: <3.0.2.32.19990925111031.007a99b0@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Folks,

>Very informative post. Does the same thing happen with switching power
>supplies?

Not the good ones. They will often handle larger input ranges for constant
output voltage too. I've worked with some that would handle from 90 to
250 VAC on the input for well regulated output. Some required jumpers to
change the input range. Switchers will often handle the range of 50/60 Hz
AC voltages for various countries without modification e.g., US single
phase 120/240, Japan 100/200, and other countries anywhere in between. Not

something that's easy to do with linear supplies without larger transformers to handle the low frequency and taps on the primary to handle the various input voltages.

For wall warts (soap-on-a-rope modules) I've used LM-317T regulator circuits from some of the older handbooks. With about 30 Volts DC in you can have variable voltages out from around 1.5 to 24 DC at up to 1.5 Amps. I have one I use with a 12 V wall wart to run my TV earphone transmitter that give me a nice clean 6 V output. Be sure to use the LM-317T devices to be able to get 1.5 Amps.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Sat, 25 Sep 1999 12:16:44 -0400
From: mikemo@ibm.net
To: w7ox@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51274] Re: 1:1 SWR/ db losses
Message-ID: <37ECF56C.83347BC8@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Phil Wheeler wrote:

> OTOH, aside from the crackling of the fire, how many of us can detect a
> 1 dB difference in signals?

If the signal was just below the noise to start with, I think we would all hear a 1db increase in strength. It could put you over the top...

72 de ku4qo

Mike Maiorana

Date: Sat, 25 Sep 1999 12:25:23 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [51275] ZM-2 Antenna Tuning Unit
Message-ID: <19990925.162152.6911.1.n4so@juno.com>

EMTECH

Monoband CW Transceivers

NW20, NW30, NW40, NW80

ZM-2 Antenna Tuning Unit with Visual SWR indicator
Ladder grabber- ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
Coax grabber- both grabbers act as Center Connector for dipole
AF-1 Audio Filter Kit

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Date: Sat, 25 Sep 1999 11:32:55 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: mikemo@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51276] Re: 1:1 SWR/ db losses
Message-ID: <37ECF937.88EEB80D@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

If signal levels and noise levels were even reasonably steady, I could see where a 1 db signal increase could "put you over the top" but as a practical matter, it just does not compute.

The Spectrogram program - available free for the downloading - gives one the capability to observe received signals and noise in the frequency domain. It is a rewarding and shocking experience to see what is really happening, especially on RTTY and other FSK signals. Selective fading is what we used to call it - and it still lives!

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

mikemo@ibm.net wrote:

>If the signal was just below the noise to start with, I think we would
> all hear a 1db increase in strength. It could put you over the top...
> 72 de ku4qo
> Mike Maiorana

Date: Sat, 25 Sep 1999 11:36:36 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: dlawhon@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51277] Re: Source for 330-pf Var. Caps for Z-Match ?
Message-ID: <37ECFA14.5DD4E10B@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Dwain, maybe you could use two of the 200 pf variables in parallel to get the maximum you need. The minimum would be increased, but if that is a problem, you can arrange to switch out one of the units as needed.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Dwain Lawhon wrote:

> Mouser has one in their catalog, but they can only provide about 200-pf
> with all sections in parallel.

Date: Sat, 25 Sep 1999 12:47:01 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-1@Lehigh.EDU>
Subject: [51278] FIREBALL -weather must have been too nice!
Message-ID: <37ECFC85.39940577@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Worked only 40m, seven Q's for 23 Q-points, 5 S/P/C's, all with a FB+
running about 1.25W. Score = 1207.5 (!) don't forget that
"point-five"...

I put the new TICK-4 chip in the FB this a.m. and like it a LOT.
Embedded Research has a real gem there and I'm sure there will be a lot
of application for that chip. Shure makes it easy for us in contest
mode, -especially sparse contests!

AA8PJ did great out here with 250mW, and VE3LA also with 2W. The band
was noisy, but I was really impressed that RTTY didn't impact us much
at all. Apparently a net was on 7.080 early but they closed quickly.

I pretty much tried to alternate with WQ2RP in the CQ'ing so's not to
leave a dead band for folks peeking in. Worked pretty well. Comments?

I think FB is a natural for milliWatt-ers. The soon-to-be-unveiled RX
companion should make a great pkg to take on a "FB-FYBO"! Comments?

Thanks to the NJQRP stalwarts for hosting this -and comming events.

72

-s-

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sat, 25 Sep 1999 11:44:53 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <mikemo@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51279] Re: 1:1 SWR/ db losses
Message-ID: <001001bf0775\$4b539480\$897154d8@big>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: mikemo@ibm.net <mikemo@ibm.net>

>Phil Wheeler wrote:
>> OTOH, aside from the crackling of the fire, how many of us can detect a
>> 1 dB difference in signals?
>
>If the signal was just below the noise to start with, I think we would
>all hear a 1db increase in strength. It could put you over the top...
>72 de ku4qo
>Mike Maiorana
>

Maybe so. Seems like I may have read somewhere that 1dB is the lowest level of audio signal strength for which a person can detect the difference by ear. Not sure if the dB was devised that way or it just turned out that way ... But anyway, I guess it could make the difference between totally unhearable to barely hearable. But better hope there's not too much flutter, on/off impulse noise and so forth if you're working a guy who's 1 dB away from non-existence.

BTW, I think we originally started this discussion of little bitty strength changes / losses concerning whether 0.1 dB. Now it's 1 dB.

72,

Nick, WA5BDU

Date: Sat, 25 Sep 1999 12:16:31 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [51280] UPDTAE: HF Sig Gen
Message-ID: <199909251657.MAA14014@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Howdy Gang,

Thanks for all the feedback!

With few exceptions, everyone said to leave it as a signal generator. That will keep the cost down and it can still be made into a QRPP transmitter by those that desire.

Lots of people like the idea of having RS232 control, so will work that in.

A few suggested having it go down to at least 455 Khz for IF alignment, that's do able. Will also think about adding a 1 KHz tone generator with AM/FM modulation capability to further enhance the signal generator aspect.

Several suggested having step attenuators and accurate output level metering. That wouldn't be possible. Just too expensive. Best we can do and keep the price reasonable is to have a level control marked "MIN" and "Max".

Okay, guess I'd better go back to work and start finishing up the details of this project:-)

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sat, 25 Sep 1999 12:43:57 -0400
From: "Scott Howell" <n3bby@yahoo.com>
To: <qrp-1@lehigh.edu>, <cw@qth.net>, <tentec@contesting.com>
Subject: [51281] handkey update please excuse bw
Message-ID: <02ee01bf077a\$7daa98c0\$ba61b683@HQ.NASA.GOV>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

ok, I promise guys to lay off the lists with this stuff. I did want to make an announcement.

The picture you all have seen has a black background. That is going to be changed to dark blue. Also, a few other changes were going to be made, but turns out the jpeg isn't so easy to modify. I think the overall feeling is leave it as it is now.

I publically want to thank Mary for taking a shot at it. However, to make the change in color will cost nothing, but any other changes will wind up being \$50.

So, anyone who has ordered a pin and really wants out based on the change, please let me know. I did have some folks look at it and they felt it was nice even with the connecting bar etc.

I hope this isn't a problem for anyone, but we're over the 300 hump now and I really would like to go ahead and begin moving on the actual ordering now. Please contact me asap if you want out or have any changes. I'll be sending an E-mail message to those who have placed orders giving them the final cost shortly.

I'm still receiving orders as I type.

tnx for all the support and appreciate your patients and allowing me to utilize the bw for this project. I hope my messages haven't upset any list admins or subscribers.

73 de Scott/n3byy

Laurel MD

Fists #5030 . Qrp-1 #1689

for immediate response, send mail to n3byy@amsat.org

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sat, 25 Sep 1999 12:21:20 -0500

From: "Dwain Lawhon" <dlawhon@ix.netcom.com>

To: <qrp-1@Lehigh.EDU>

Subject: [51282] Source for 330-pf Variables - Thanks for Help!

Message-ID: <012501bf077a\$62bb2660\$945eddcf@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Howdy Again:

Well, I sure got quick response to my query. I went to Emtechs web site and sure nuf they list the capacitors as a line item on their order form. I have already filled out the form and will mail it today.

Thanks for the suggestions - sorry I didn't look at the order form earlier - would have saved bw.

72/73

Dwain Lawhon

K0LOA - Richardson, TX

Date: Sat, 25 Sep 1999 13:50:34 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "Steve Yates, AA5TB" <aa5tb@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51283] Re: Ten Meters is Dead???????
Message-ID: <Pine.3.89.9909251348.A8879-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 25 Sep 1999, Steve Yates, AA5TB wrote:

>
> I used to operate ten meters exclusively mainly for that reason. I would
> call CQ on a "dead" band and have Easter Island or some other exotic place
> come back to me for a rag chew. That just doesn't happen much on the other
You get some wierd paths at times also. Europe frequently comes in on a
"skew path" with a heading of about 100 degrees. Less than an hour ago a
9V1 popped in during my continuing run of Europeans. Normal path from
here would be about 345, but he peaked toward EU at about 45 degs...
>
> I used to work Europeans in the morning and Australians in the afternoon
> mobile to and from college. I had a fifty mile drive and I was using my
> TS-130V on SSB. This was about 1981-1983. Sometimes I thought my ten meter
> mobile setup worked as good as my 4 element monobander at home! The full
> size quarter wave antenna on the trunk helped.
Same experience here (even same rig!) When the prop is right, mw to a
wet noodle can create a pileup.
>
> I should get back on ten again :-)
Yep! :-)

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Sat, 25 Sep 1999 12:52:17 -0500

From: "George T. Baker" <w5yr@swbell.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51284] Re: UPDTAE: HF Sig Gen
Message-ID: <37ED0BD1.CCF677B7@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Steve, I agree with your ideas on the signal generator, but providing a known output level would be a real plus. Maybe the approach here is for you to design a companion attenuator module that could be added or used outboard. Workable designs have been the books for years. Usual problems are shielding, leak-through, absolute accuracy, etc.

What I have in mind is an electronic attenuator in which output signal level is a function of a control voltage with adequate bandwidth to cover the frequency range of the generator. Perhaps that is what you have in mind for the "level" control. In any event, a fairly good calibration would be a great boost for the usefulness of the generator. Perhaps even a single fixed but known output, such as 50 uv, could be provided.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Date: Sat, 25 Sep 1999 13:18:00 -0500
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [51285] Simpson model 260 VOM manual
Message-ID: <37ED11D8.9DAC1BBD@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone out there have a manual for an "old" Simpson model 260 VOM? If so, I sure would appreciate getting a copy of your manual. I have one and it's broke and need a manual to fix it. This model 260 is an old one and has no model 8 sub model number for example which indicates a newer version. The meter is black and uses pin jacks rather than banana jacks. It's my understanding this makes it an early model. I tried Simpson, but they can't supply a manual. I think part of their problem is their bureaucracy. Ohm scales won't work, batteries are new. I'd be happy to pay for the

reproduction and printing. Maybe someone out there can help.
Thanks in advance.
Lee Bahr w0vt Houston

Date: Sat, 25 Sep 1999 14:17:27 EDT
From: Drbob92031@aol.com
To: qrp-1@lehigh.edu
Subject: [51286] small variable caps.
Message-ID: <41e4c699.251e6bb7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Dwain;

I imagine that if you go to an outlet type of store they may have a bin full of transistor radios at some stupid low price. Lots of little goodies in them for the taking apart. I call that rapeing(sp?) used to do that with T.V 's many years ago. Now I visit the dumpsters for places that repair micro wave ovens and other electronically controlled devices. You would be amazed at the things they throw away that you or I drool over.
72...de WA2EAW...Bob

Date: Sat, 25 Sep 1999 14:41:28 -0400
From: Richard Powell <ripowell@mpna.com>
To: "'n4bp@bc.seflin.org'" <n4bp@bc.seflin.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51287] RE: Ten Meters is Dead???????
Message-ID: <01BF0764.0D526190.ripowell@mpna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yeah bob,,, but you cheat! you gotta BIG SIGNAL!!!! with all that salt water for a ground plane!!!
73
/rick

-----Original Message-----
From: Bob Patten [SMTP:n4bp@bc.seflin.org]
Sent: Saturday, September 25, 1999 9:31 AM
To: Low Power Amateur Radio Discussion
Subject: Ten Meters is Dead???????

Yep, scanned the whole CW segment and not a signal to be heard! Called one CQ, RA1CZ immediately came back to me. The next 45 minutes was hectic with 44 QSO's in 16 European countries including:

DL4 F5 G0 HB9
IS0 IZ3 LA3 OH3
OK9 OM3 ON4 PA4
RA1 SM5 SP4 4Z5

Ten Meters is dead?? Don't come to that conclusion when you scan the band until you've made some noise!

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Sat, 25 Sep 1999 15:39:18 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [51288] Simpson Model 260 VOM
Message-ID: <19990925.193714.2519.8.n4so@juno.com>

Simpson Electric
853 Dundee Ave.
Elgin, IL 60120
708-697-2260

This is all the database shows. Unknown E-mail address.

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Date: Sat, 25 Sep 1999 15:40:18 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: Mike Czuhajewski <wa8mcq@erols.com>
Subject: [51289] Re: Wall Wart Charger Ideas
Message-ID: <Pine.BSI.4.10.9909251453000.7746-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 25 Sep 1999, George Gingell wrote:

> I am about to post a comment on Wall Wart & Battery Charging to QRP-L,
> seems like everyone is an expert on the subject, might as well put on
> my \$.02 :^)
>
> Most of what I have read is good info. My comments are mostly in support
> of what has already been posted. I am particularly impressed with the
> comments by George Baker, W5YR "Right on target IMHO"
>
> Often, "Safety of the Experimenter" is an overlooked issue.
> Remember the "Exploding Gates Cell" ? Great Battery, but should always
> be handled with care, due to it's Very High Short Circuit Capacity.
> We always recommend some type of Fuse or Fusible link in the output lead
> of the battery package. (Even a piece of solder is better than nothing).
>
> You might want to USE my ideas in The QRP QUARTERLY Idea Exchange column.
> Permission is hereby Granted.
>
> It is simply to make a box (Radio Shack) with a Voltage Regulator
> Circuit on a small perf board and a couple of 5 Way Output terminals.
> It can be fed with a "Wall Wart". This is handy box to have around
> in any case.

> Plug wall wart into box and get Voltage Regulation and a little extra
> filtering. This makes it a handy power supply for the small qrp rigs.
>
> It can have the connector of choice on the output, or just some
> wires going from the terminals.
>
> The second part of the battery charging toolkit is an Automotive Taillight
> Socket (Trac Auto) with a Brake Light/Tail Light Bulb, (sorry I can't read
> the type number on mine) and three alligator clips. Why Three?
> This allows you to Use it as a single load, a double load, or a single
> load for two different cells.
>
> It is simply a Load Resistor to limit the charge current going to the

> battery under charge.>
>
> I have also used a single GE97 (License Plate Lamp) in a holder for
> smaller loads. If memory serves correctly, the Brake Light/Tail Light
> elements draw about 1 Amp at 12VDC. You could also find Old Pilot Lamp
> assemblies with small lamps in the junk box. They are great for the
> smaller batteries.
>
> I have also found the Light Bulb and alligator clips useful for
> Discharging Nicads in preparation for recharging and conditioning.
>
> This also brings to mind the Motorcycly Battery Charger that I picked up
> at a hamfest years ago. The first time that I attempted to use it to
> charge a Nicad, I thought it was broken.
>
> I had a meter in series with the output and caught a quick flicker out
> of the corner of my eye (Analog Meter, Type 630). On further investigating,
> I found that the unit was in fact working, It was found to contain an
> interesting device in the output lead which Opened the Circuit whenever
> the output current exceeded 1 AMP).
> It looks like a Glass incased reed switch (Thermal Switch?).
>
> I searched thru my catalogs, but was not able to find a part number or
> anything similar.
> The Charger is a Schumacher Model MC-1. 6 & 12 V at 1 AMP.
>
> My thought was to obtain some of the thermal switches and make up a kit
> with the Wall Wart, a box, some connectors, a small pcb/perf board and
> the regulator and capacitors plus the Thermal switch and an auto lamp and
> socket with alligator clips.
>
> Maybe it could be a QRP ARCI KIT ? or "Maryland Milliwatter" Kit?
>
>
> I guess I could draw up a schematic, but it is really so simple you should
> be able to adapt the idea for use with "WHY" (U.K. for What Have You) Ie.
> the junk box.
>
> That's It Mike, We call it the "WHY Charger" :^)
>
> "A Wall Wart Battery Charger Kit for your QRP Field Rigs"
>
> It could even have a "SOLAR CHARGER" Option.
>
> If you don't want to use the article, I will consider sending it to
> Wayne. "73" is always looking for simple stuff. :^)
>
>

> Sir George, The First :^)
>
> 72 ES
> QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
> QRP A.R.C.I. Net Manager and Board of Director Member.
> Gingell & Company, Ltd. Small Business Telephone Systems
> Notary Public and Locksmith Services
> George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
> Maryland Milliwatt Club QRP Reference Library, (301)572-6789
> Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
> Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Sat, 25 Sep 1999 16:09:01 -0400 (EDT)
From: George Gingell <k3tk@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [51290] Re: EZ Hang
Message-ID: <Pine.BSI.4.10.9909251550110.19217-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang,

I see lots of comments on the new EZ Hang Antenna Launcher here lately.

I for one wish I had thought to make and sell them myself. :^)

Yes, the price is a bit more than we might expect. Of course, you can make one yourself and save money. If you have the time. We also tend to forget that the person making up the device and marketing it is trying to make a buck or two for his effort.

As I see it, his price is not really that far out of line when all is considered. Buy the components, assemble and package them, Pay for Advertising in the Big Magazines (Check out the cost), take the orders process them, do the bookkeeping. Etc. You soon get the idea that there is not nearly as much PROFIT involved as you first thought.

Guess it's a case of been there, done that. :^)

I have no personal interest in the device, nor do I personally know the vendor. I have not even actually seen one. I have several home made versions and other "Specialty Devices" for installing Wire Antenna Systems in my trees.

I have a particular liking for use of a #40 Long Bow with a modified Arrow

(It has a lead filled .30.06 cartridge forr the tip). #8 Fishing line on the tail. Works great.

Also handy is a 20 Ft Fiberglass Fishing pole with a grabber tip on it for retring stuck lines.

Here is another source for commercial versions of the Wrist Rocket Launcher and other wire pulling devices.

Labor Saving Devices <<http://www.lsdinc.com>>

Hope some of you find this information useful..

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

QRP A.R.C.I. Net Manager and Board of Director Member.

Gingell & Company, Ltd. Small Business Telephone Systems

Notary Public and Locksmith Services

George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

Maryland Milliwatt Club QRP Reference Library, (301)572-6789

Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Sat, 25 Sep 1999 16:15:04 EDT

From: charles k brown <n4so@juno.com>

To: qrp-l@lehigh.edu

Subject: [51291] Ten Meters is Dead????

Message-ID: <19990925.201313.7911.12.n4so@juno.com>

He was using a KiloWatt.

From: Bob Patten <n4bp@bc.seflin.org>

On Sat, 25 Sep 1999, charles k brown wrote:

>

> How much power -- 100 watts?

Kw

Bob Patten, N4BP

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Date: Sat, 25 Sep 1999 16:16:14 EDT
From: GElam30092@aol.com
To: cliffdwellers@qth.net, qrp-1@lehigh.edu
Subject: [51292] inside or out?
Message-ID: <2cdc97d2.251e878e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Want to put up a dipole and am not sure where or even if one location is better than another.

Desc: I live in a small, single-story house surrounded by foothills just south of Phoenix. The house is stucco which means there's wire under the stucco/foam/2x6/insulation.

The area is also antenna restricted.

My two choices for a dipole are the attic (difficult since access means crawling horizontally down through the trusses which are 2x4 on 16 inch centers or putting the antenna under the eaves which will hide the majority of it. The attic route is much more difficult since the area is so confined and HOT (130 degrees today up there!)).

My concern with pitting in under the eaves is the close proximity of the stucco wire. What does that do to the signal?

Is one better than the other or is the most important priority to simply get an antenna up? I know both are compromises!

Eventually, I want to make a rotating dipole that I can put up and take down at will.

Thanks!

Gerry
PHX AZ

Date: Sat, 25 Sep 1999 16:51:57 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: charles k brown <n4so@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51293] Re: Ten Meters is Dead????
Message-ID: <Pine.3.89.9909251611.A17826-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 25 Sep 1999, charles k brown wrote:

> >

> > How much power -- 100 watts?

>

> Kw

>

Doesn't make the band any less open. Received signals ranged from at the noise level to S9+20. My point being that, even if no signals are being heard on 10 Meters, this doesn't mean the band is dead...

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Sun, 26 Sep 1999 07:34:12 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51294] Re: UPDATE: HF Sig Gen
Message-ID: <37ED3FD4.75D91A89@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"George T. Baker" wrote:

> Steve, I agree with your ideas on the signal generator, but providing a

> known output level would be a real plus.

perhaps AGC (or should I say ALC) controlled if necessary (more from the dream time). I'll concede the step attenuator could be an external accessory, but a constant known (calibrated!!!) output is a definite plus.

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>
URL - <http://www.qsl.net/vk2tip/>

Date: Sat, 25 Sep 1999 16:40:29 -0500
From: tedkell@juno.com
To: qrp-l@Lehigh.EDU
Subject: [51295] Attn: Doug and Paul
Message-ID: <19990925.164416.-4163991.3.tedkell@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi,

Have you recently received direct e-mail from me? If so, let me know and I'll shut up, if not, also let me know and I'll send my question via the list.

Thanks

Ted Kell
KC5CUW

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Date: Sat, 25 Sep 1999 18:31:46 -0400
From: Pete Burbank <plburbank@kih.net>

To: <qrp-1@Lehigh.EDU>
Subject: [51296] Re: EZ Hang
Message-ID: <3.0.32.19990925183143.0075c318@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I have a particular liking for use of a #40 Long Bow with a modified Arrow
>(It has a lead filled .30.06 cartridge forr the tip). #8 Fishing line on
>the tail. Works great.

>

>Also handy is a 20 Ft Fiberglass Fishing pole with a grabber tip on it
>for retriiving stuck lines.

Sir George et al,

One thing I haven't seen mentioned for an arrow tip is a rubber
squeeze bulb....about 3X1.5 inches. Fits nicely on a target arrow
and has the right braking for a 40# bow and bounces well if
you miss or the arrow lands on your car. Try it, you'll like it!

73 Pete NV4V

Date: Sat, 25 Sep 1999 08:45:13 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: "QRP-L" <qrp-1@Lehigh.edu>, "cqclist" <cqclist@cqc.org>
Subject: [51297] A little more 15M RTTY fun
Message-ID: <000001bf07a6\$38d1c3a0\$bd9ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A little more QRP/RTTY fun this morning on 15M before I head off to the salt
mine:

HG3DX Hungary
9A5W Croatia?
DJ7AA Deutschland
I2ZZZ Italy
OT9E Belguim
S57II0 Slovinia
DL5AXX Deutschland

5W. TS570D. Kam Plus. Gap Titan. From Denver.

I stayed away from QRP/CW frequencies. These RTTY guys are all over the
place!

72 Dick AB0CD..

End of QRP-L Digest 1589
